



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# 23 9/5/02  
M

In re PATENT APPLICATION OF:

Hiramatsu

Allowed:

Appln. No.: 09/101,833

Batch No.:

Filed: January 29, 1999

Group Art Unit: 1725

Title: LASER MACHINING APPARATUS,  
AND APPARATUS AND METHOD FOR  
MANUFACTURING A MULTILAYERED  
PRINTED WIRING BOARD

Examiner: Geoffrey S. Evans

Date: August 21, 2002

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TC 1700

GSE  
NOT  
Considered

REQUEST UNDER RULE 97(d)  
AND  
INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO 1449 listing the enclosed documents.

Request is hereby made under Rule 97(d) for consideration of the following IDS for which the requisite \$180 fee under Rule 17(p) is enclosed. The Commissioner is authorized to charge the required fee to our Deposit Account No. 03-3975 under Order No. 41226/255101.

This IDS is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Respectfully submitted,

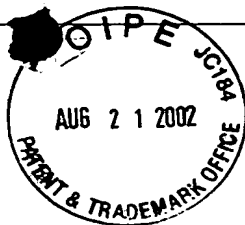
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01/10/2003 180.00 CH



Atty.  
Dkt. No.

M#

Client Ref.

255101

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**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: Hiramatsu

Appln. No.: 09/101,833

Filing Date: January 29, 1999

Date: August 21, 2002

Page

1

of

1

Ex: Geoffrey S. Evans

Group Art Unit: 1725

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					

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**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name	CLASS	Subclass	Abstract		Readily Available	
								Enclosed	No	Enclose	No
6556	KR	02-054996	02/1990	Japan	Suzuki			X			
646	LR	09-248688	09/1997	Japan	Takahashi et al.			X			
	MR										
	NR										

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

JP	OR	"Electronic Material," Vol. 10, August 1, 1996, 10 pages								
JP	PR	"Electronic Material," Vol. 4, April 1, 1996, 12 pages								
JP	QR	Notice of Shipment and Delivery, dated Sept. 19, 1996, 5, pages								X
JP	RR	Report on the Completion of a Laser Processing Machine, dated Sept. 1996, 3 pages								X
	SR	Mitsubishi ML505GT Catalog, June 1996, 2 pages								X
	TR	Mitsubishi LCP1 Specification, Sept. 1996, pages 1-43								X
	UR	Mitsubishi LCP1 Supplemental Specification, Sept. 1996, pages 1-20								X
	VR	Specification on Mitsubishi Carbon Dioxide Gas Laser Processing Machine, MLG505GT-5003D, August 1996, pages 1-11								X
	WR	List on Calculation Program of M303 work gap, undated, 38 pages								X
	XR									
	YR									
	ZR									
	AAR									

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.